

Figure 1 (The Basic Invention Used in a Conveyor Application)

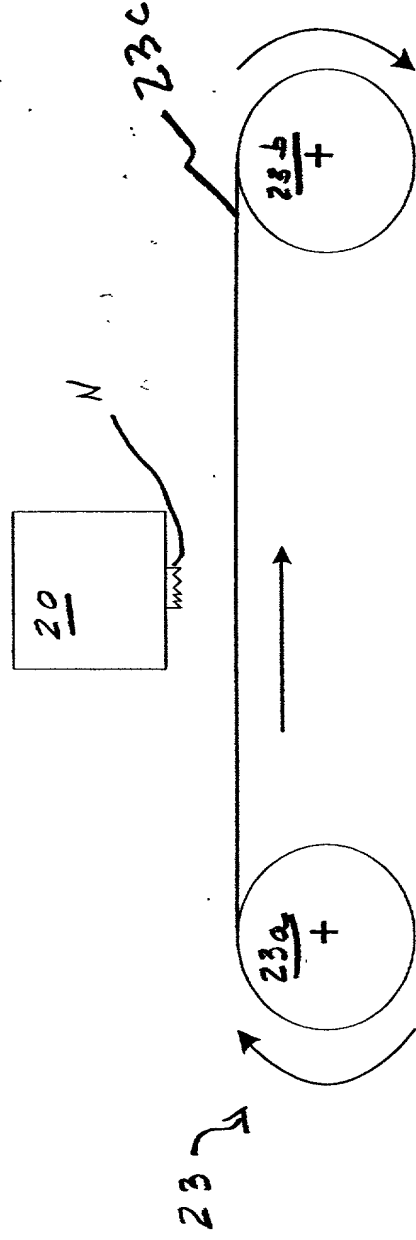


Figure 2 (The Basic Invention Used in a Continuous Web Application)

FIG. 3

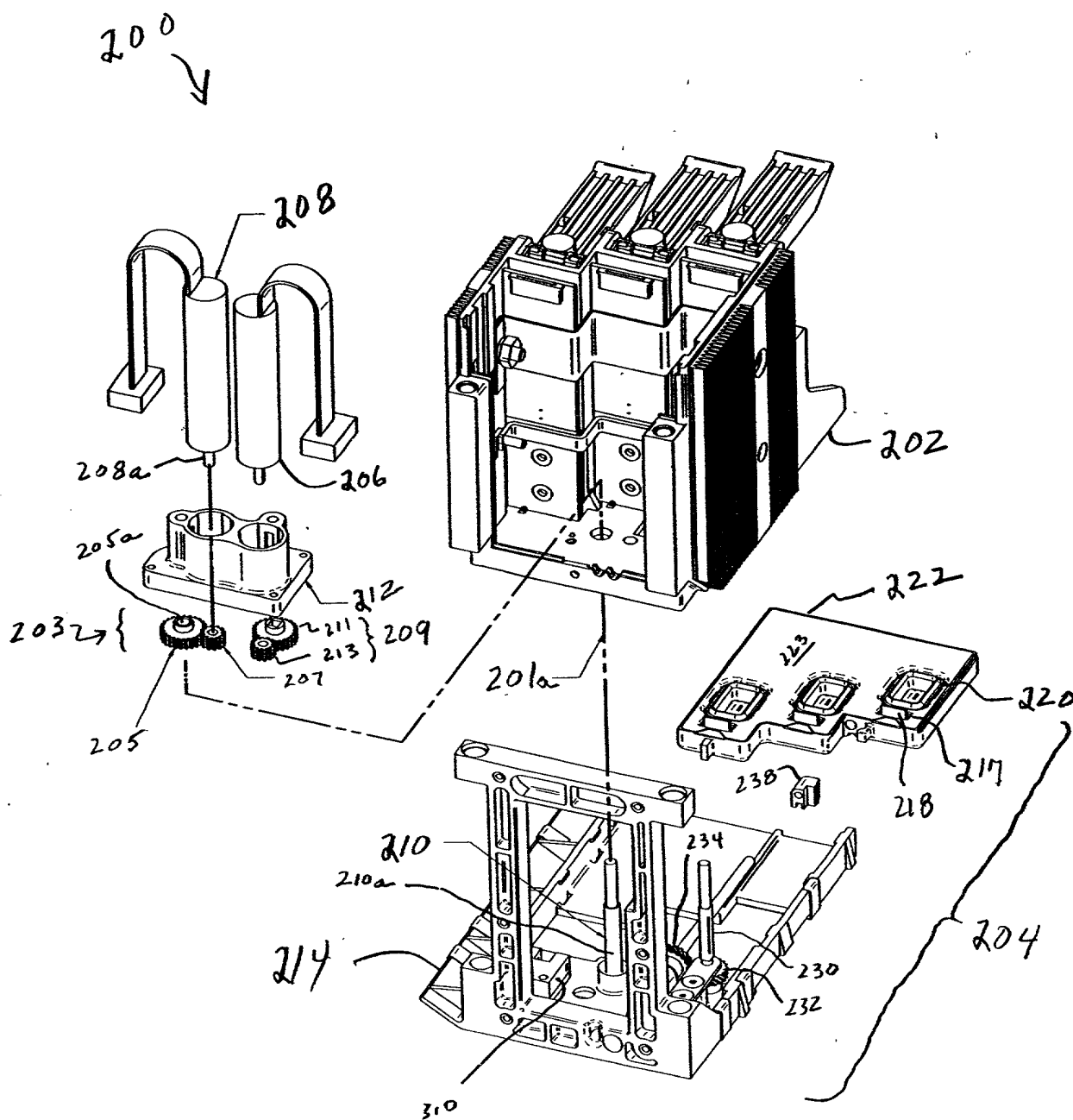


Figure 4 (Power Transmission Path
for Cartridge Vertical Motion)

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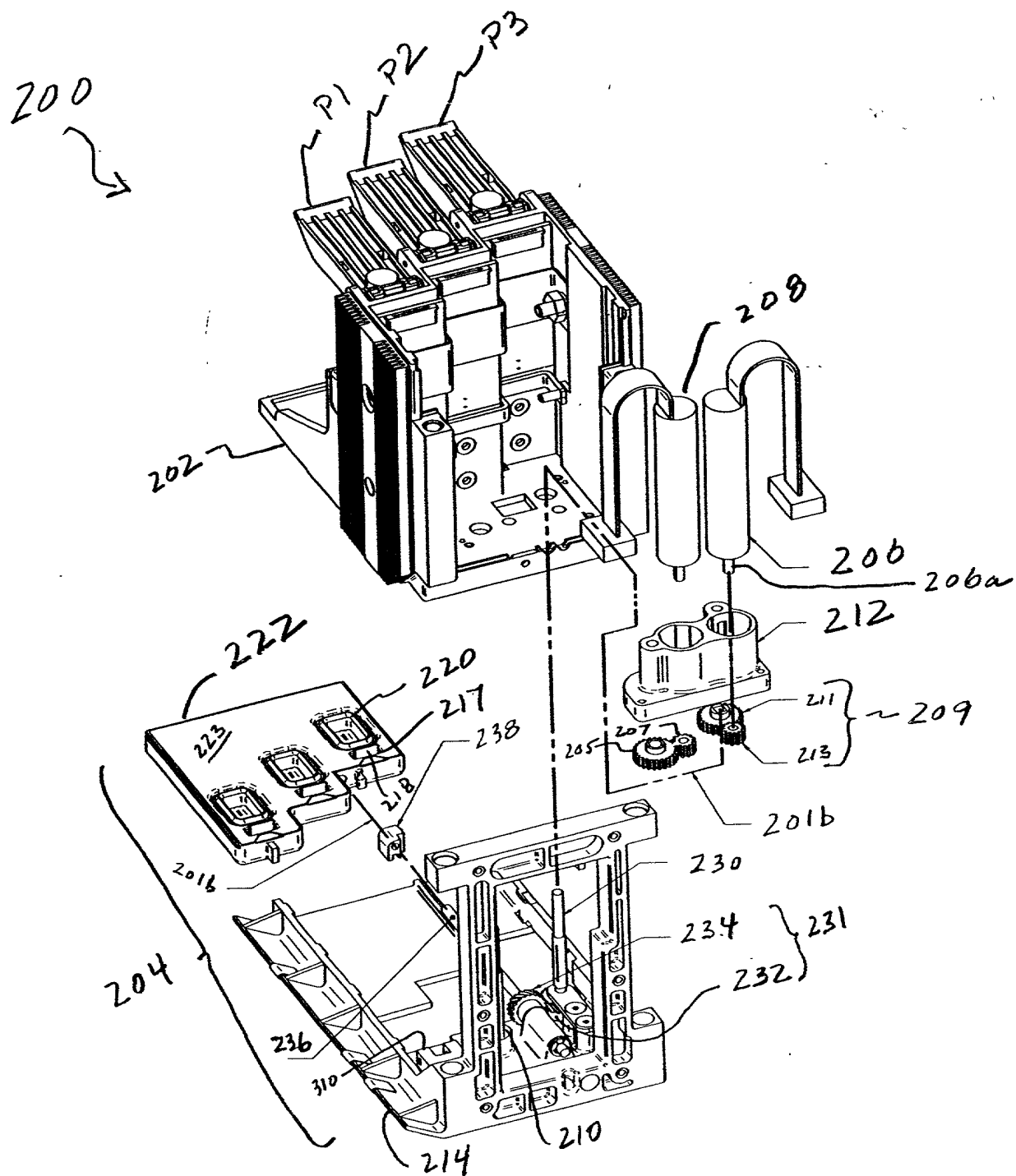


Figure 5 (Power Transmission Path
for Waste Ink Receptacle Horizontal Motion)

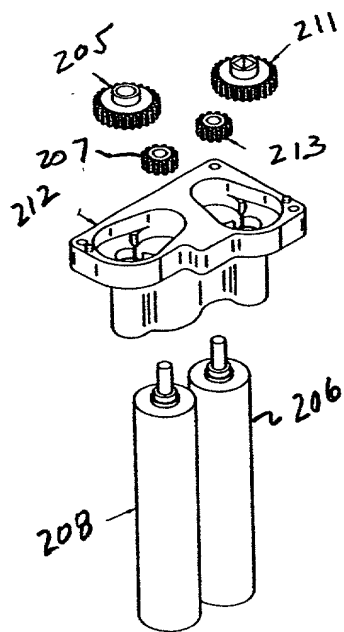


Figure 6 (Motor, Housing and Gear Assembly)

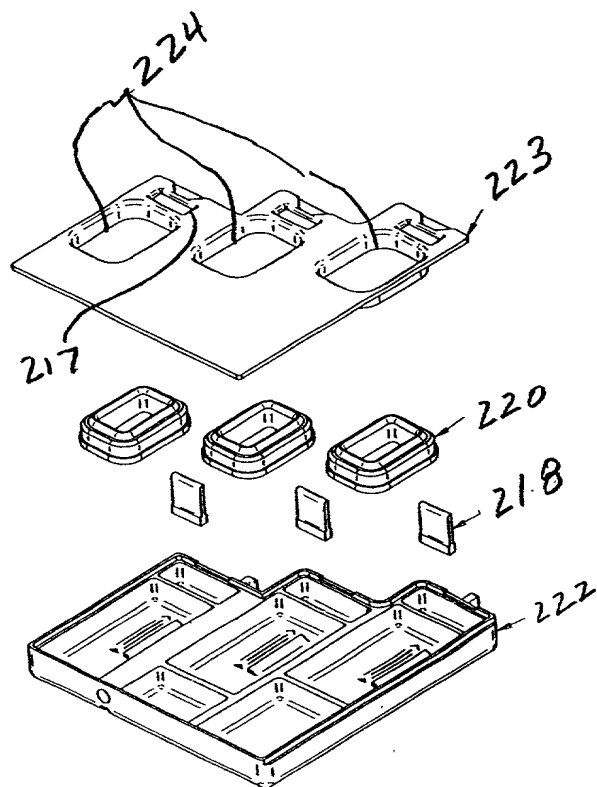


Figure 7 (Ink Receptacle Assembly)

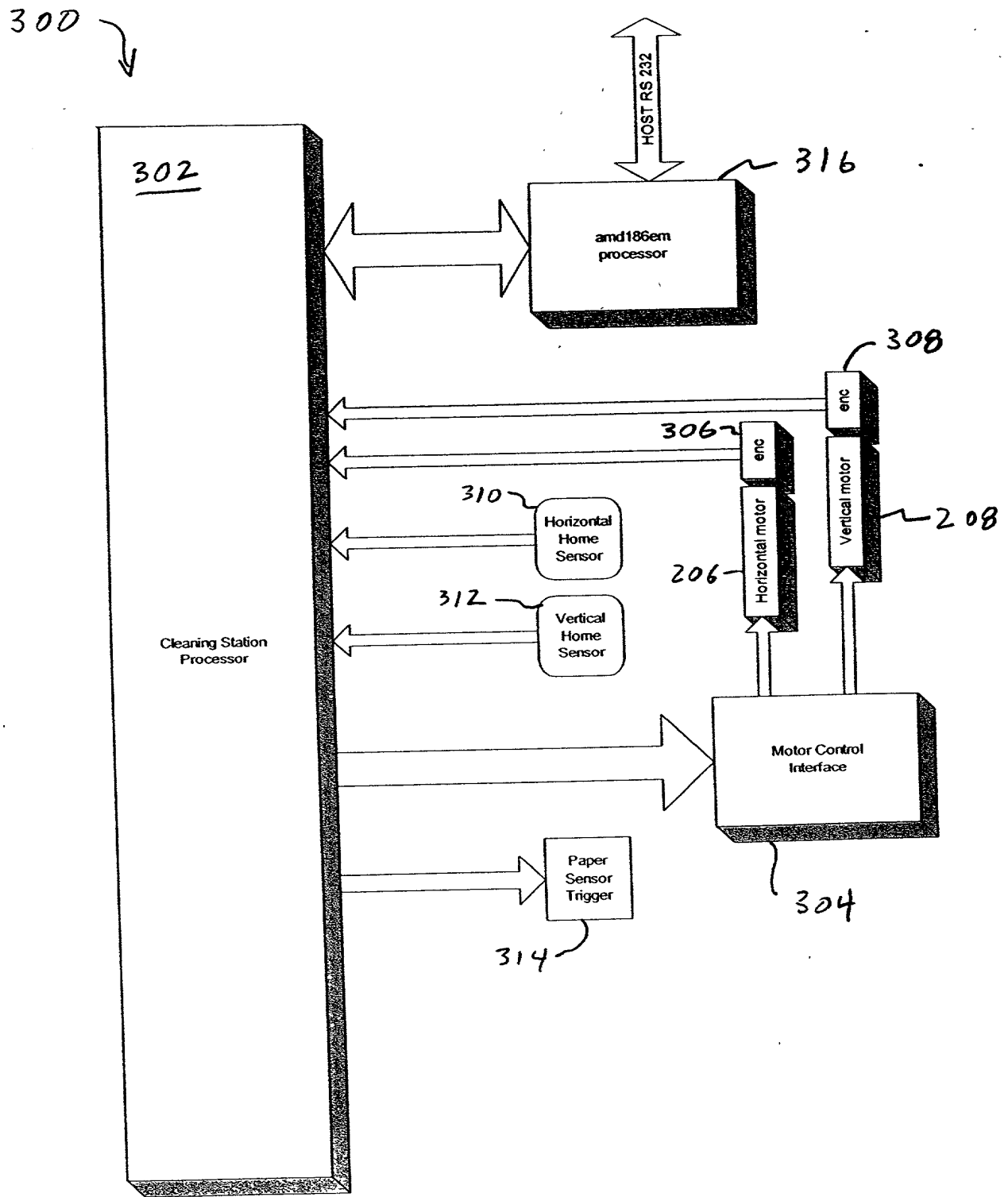


Figure 8 (Cleaning Station Control Assembly)

Diagram illustrating a stack data structure. The stack grows downwards (increasing memory address). The elements are stored in memory locations 352, 354, 356, and 358.

Memory Address	Element
352	Print
354	Park
356	Clean
358	Remove Tray

These commands are used in normal operation and can be issued at any time desired.

Figure 9 (Cleaning Station Commands)

Fig. 10A

Print

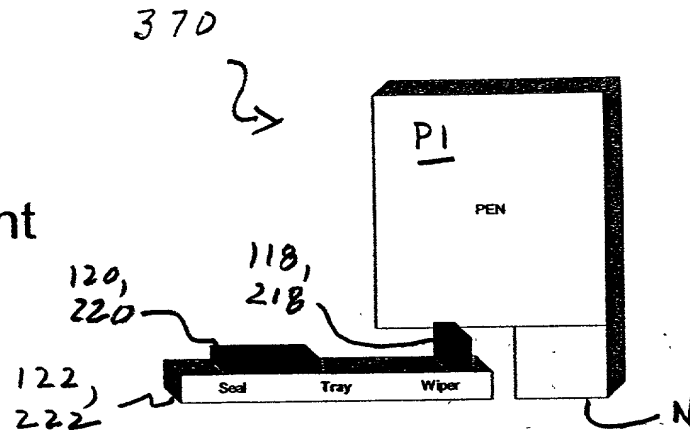


Fig. 10B

Park

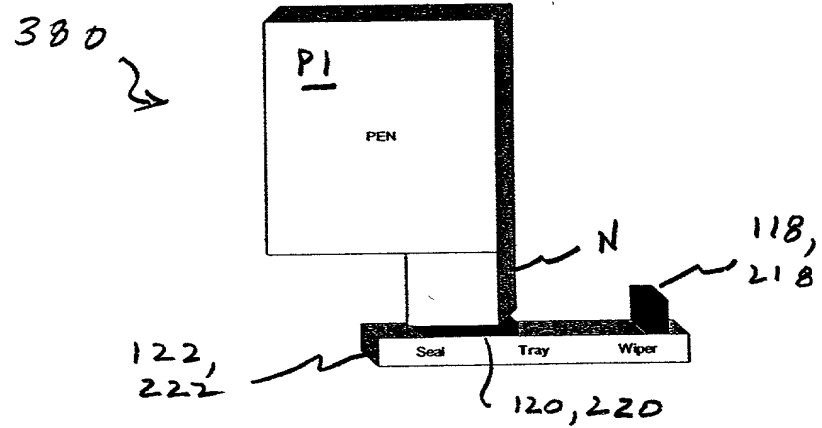


Fig. 10C

Remove Tray

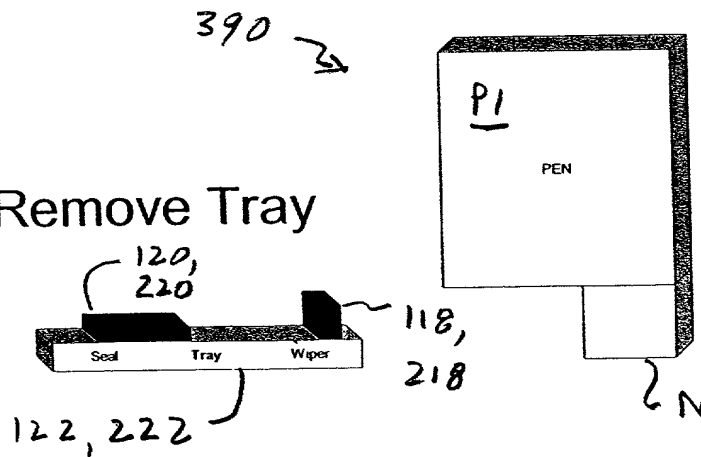


Figure 10 (Print, Park and Remove Tray Positions)

400

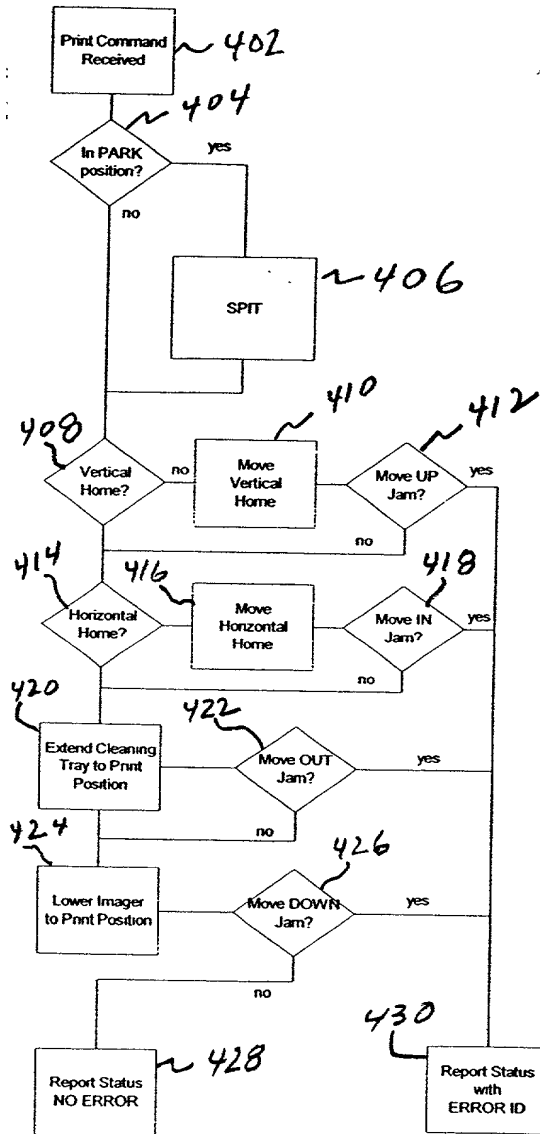


Figure 11 (Print Cycle Flowchart)

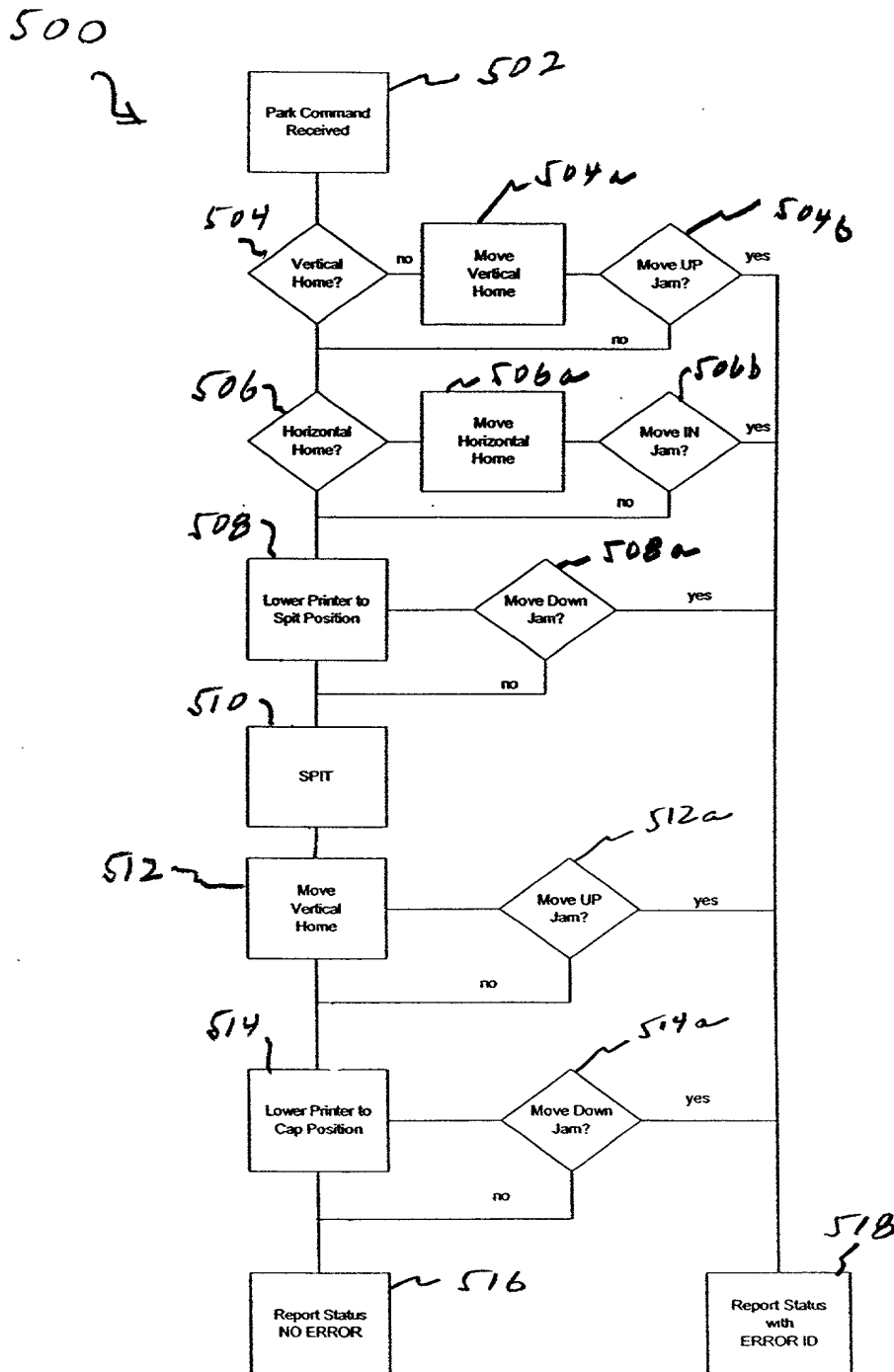


Figure 12 (Park Cycle Flowchart)

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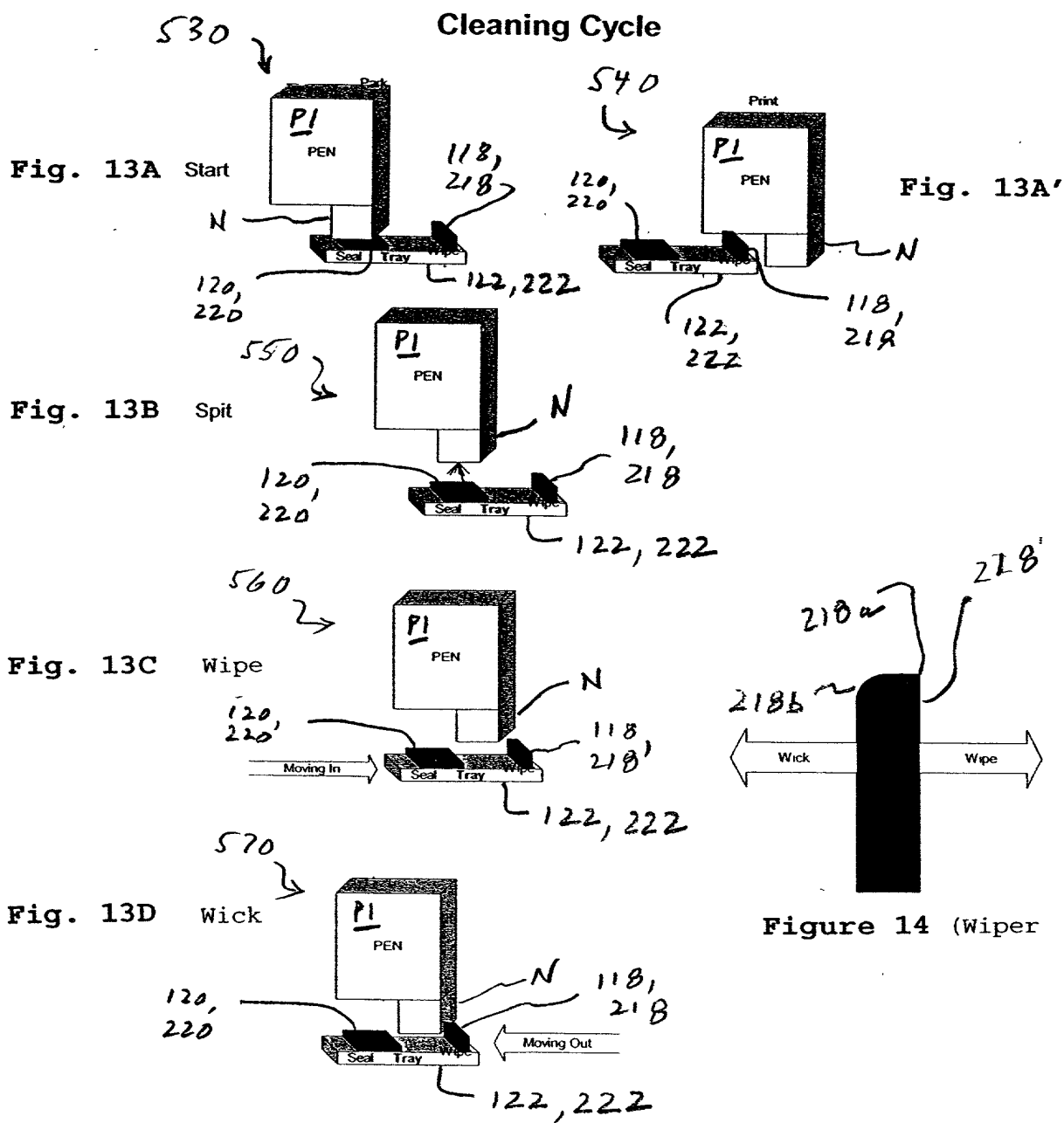


Figure 13 (Cleaning Cycle Positions)

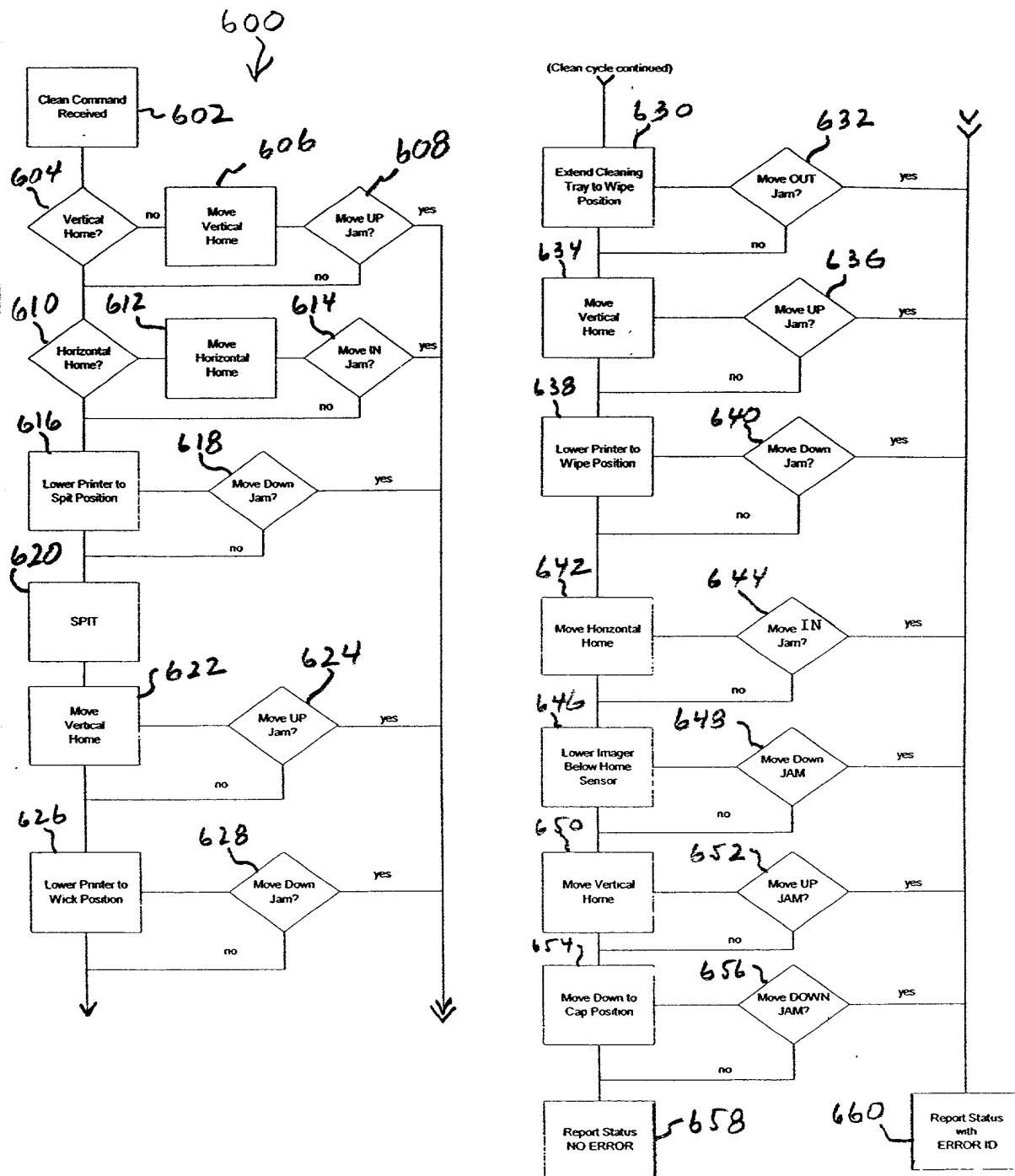


Figure 15 (Cleaning Cycle Flowchart)

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700

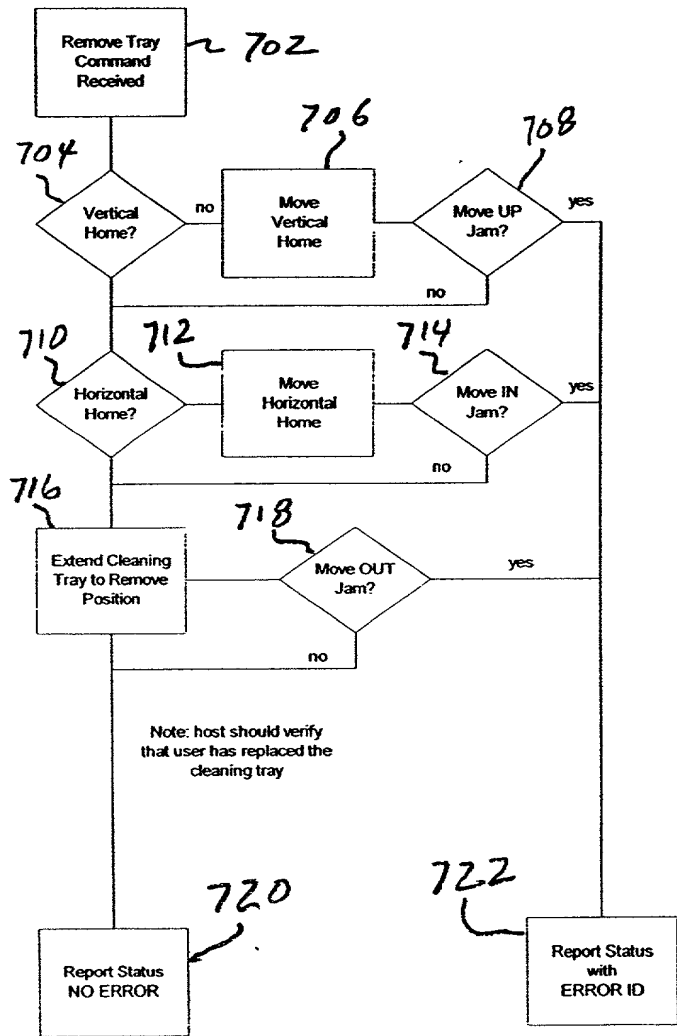


Figure 16 (Remove Tray Cycle Flowchart)